

What is claimed is:

A LED spotlight (type III) including a lampshell, a LED, and a light-collecting cover, wherein the light-collecting cover is a transparent solid body and has its side being a paraboloid, an aperture being formed at
5 bottom side of the cover while a convex is formed therein, top of the cover being formed a plane, and a flange being provided around the cover for being placed on the lampshell and engaged with a cap; the LED can be received within the aperture, and when the LED is enlightened, the light can be emitted concentratively forward by the light-collecting cover
10 and its side paraboloid to reflecting the light efficiently for obtaining a perfect light effect; and an IC board being provided under the LED and a conductive shell being provided outside the lower portion of the lampshell, wherein the electrical connection being that the circuit includes the electrode connecting with a DC input and includes several
15 capacitors, resistances, diode, and inductance to form a DC-DC transforming circuit, that transforms input voltage from 12V to 3V for directly use of LED, and the spotlight can be directly applied for a car.